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Issuing Laboratory: Gaming Laboratories World Headquarters
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Report Recipient: Prizes and Betting Secretariat of the Ministry of Finance

Jurisdiction: Brazil Federal iGaming and Sports Betting

Technical Standards for Testing:

- The Rules and Regulations of the Secretary of Prizes and Betting of the Ministry of Finance regarding Fixed Odds Betting

Software Suppliers: Caleta Holdings Limited
57/63 Line Wall Road
Gibraltar GX111AA
Gibraltar

Sender: Christine M. Gallo
Senior Vice President Quality and Technical Compliance
Gaming Laboratories World Headquarters

Products Tested: Remote Gaming Server (RGS)

File Numbers: SY-684-CLH-24-01

Testing Results: **Complies**

Product Details

GLI tested the following software during the evaluation:

File Number	Platform/Component Name	Program ID	Version
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_math_engine/src/logic/GameMath.ts	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_math_engine/src/logic/games/BingoGame.ts	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_math_engine/src/logic/games/BonusGame.ts	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_math_engine/src/logic/games/paytable/BingoPayTable.ts	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_math_engine/src/logic/games/paytable/SlotPayTable.ts	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_math_engine/src/logic/games/SlotGame.ts	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/access_utils.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/integrations/base.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/middleware.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/models/game.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/models/round.py	N/A

File Number	Platform/Component Name	Program ID	Version
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/bingos.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/blackjack.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/kenos.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/lottos.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/mines.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/scratches.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/api/modules/category/slots.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/audit/management/commands/audit_system.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/audit/management/commands/update_math_files.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/audit/management/commands/update_rgs_files.py	N/A
SY-684-CLH-24-01	Caleta Remote Gaming Server (RGS)	caleta_rgs/wallet/models.py	N/A

Software

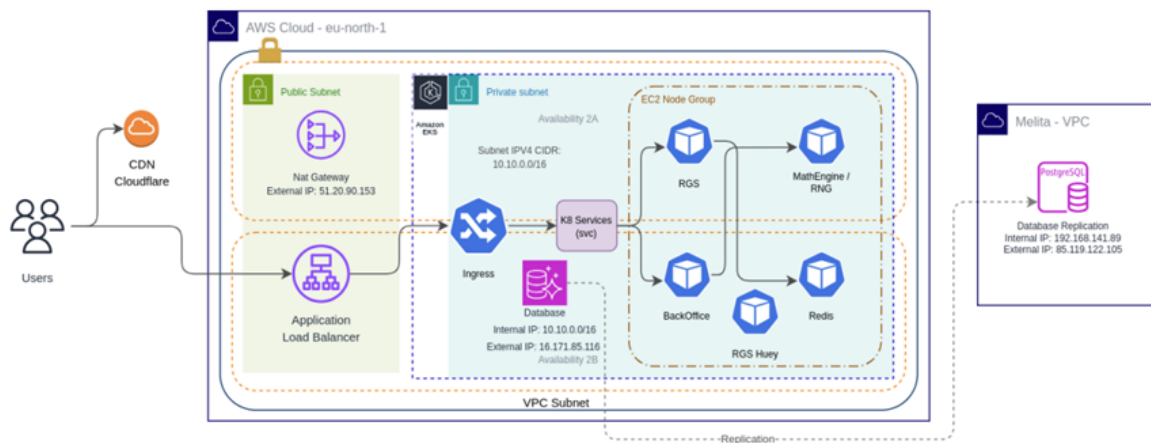
A description of the submitted software is listed below.

1. Caleta Remote Gaming Server (RGS)

The Remote Gaming Server (RGS) is a content distribution platform. This platform handles sessions, plays (game rounds), play actions (stakes, results, etc.), debits and credits, and some additional methods for data and operation validation.

The platform interacts with an RNG service, with game engines, with external casino operator platforms, and with external RGSs.

Overview Diagram



For version-control of the software, GLI gathered the following signatures:



Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_math_engine/src/logic/GameMath.ts
Version:	N/A
SHA-1:	B7E03E8101DE85F10697590E101A94B1282CCA79

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_math_engine/src/logic/games/BingoGame.ts
Version:	N/A
SHA-1:	99B39FB6FF43A4AE5C086394BBCF6810BC2709A4

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_math_engine/src/logic/games/BonusGame.ts
Version:	N/A
SHA-1:	BD76ECF3A13A6F506125BD0D985321BA55DB820D

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_math_engine/src/logic/games/paytable/BingoPayTable.ts
Version:	N/A
SHA-1:	EC403EA49D3710CBEC7493D2E9D40D2999325ED2



Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_math_engine/src/logic/games/paytable /SlotPayTable.ts
Version:	N/A
SHA-1:	24BBFF85D09A069972ACC72B691646E0AC88E825

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_math_engine/src/logic/games/SlotGame.ts
Version:	N/A
SHA-1:	193659F37E4B719052CE8A1E4D1FDC027B41180F

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/access_utils.py
Version:	N/A
SHA-1:	533BEBE5F99C92BAAF121B507AFD476890BE65E4

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/integrations/base.py
Version:	N/A
SHA-1:	0D857F44D784F460A75C9842D57A9DCB32CC2C0F



Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/middleware.py
Version:	N/A
SHA-1:	2D26DAD13A4EFACFEF2F8792E536F0BDCA272821

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/models/game.py
Version:	N/A
SHA-1:	C664C42D982DA5CA1FBC7C44478F44AB3806B8F1

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/models/round.py
Version:	N/A
SHA-1:	659C832EC7C8AF47BA4B1C20EF445B0B47F6FC46

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/bingos.py
Version:	N/A
SHA-1:	A60FBB9A9C7B4373F9CC78D668FC09C71FF5690F



Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/blackjack.py
Version:	N/A
SHA-1:	307BEF51F50F9EE9812E4EDA2C22977C75F01250

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/kenos.py
Version:	N/A
SHA-1:	69A371BA92C3D1A6ED00ED0553BB4AF4E4F0331C

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/lottos.py
Version:	N/A
SHA-1:	06E851C513658A94BEAB1F0B9FB8735283BBB9DC

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/mines.py
Version:	N/A
SHA-1:	C50622EC0A906AA01B2C8B3C08DA762A45D13B58



Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/scratches.py
Version:	N/A
SHA-1:	3A520FD9EF4E98C74B300ED207C401F2E6088773

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/api/modules/category/slots.py
Version:	N/A
SHA-1:	57E335AFDE1D4C65C9816E2EA5B07B94A24F22DF

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/audit/management/commands/audit_system.py
Version:	N/A
SHA-1:	74595993699DAE530EFD3F023384D58F31020B0C

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/audit/management/commands/updated_math_files.py
Version:	N/A
SHA-1:	5548C051DE4612840E71A19D13971D93888A0882



Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/audit/management/commands/upd ate_rgs_files.py
Version:	N/A
SHA-1:	9E0A818D6683C03820385E53AABD5F27B619483D

Platform/Component Name:	Caleta Remote Gaming Server (RGS)
Description:	Server
File/Directory Name:	caleta_rgs/wallet/models.py
Version:	N/A
SHA-1:	8FB8076558EDE39D7CEB9B503E4FACA76BBEB1E3



Notes

GLI's compliance evaluation of the software was related only to the technical scope of work elements discussed herein. This specifically excludes any other features or functions provided by the submission not related to these elements. Any sections of the aforementioned Technical Standards specific to the Game, Random Number Generator (RNG), or Financial Reporting were outside of the scope of this software and/or integration evaluation.

Testing was completed in a test environment where the game is integrated into the platform using the RNG as documented in GLI report RN-49-CLH-23-01-711.

GLI's Evaluation of the software included (but was not necessarily limited to) the following elements to the extent necessary to evaluate the software for compliance with the requirements in the aforementioned Technical Standards:

- Software and System Version Control
- Submitted Documentation Review
- Source Code Review
- Jurisdictional Requirements Verification
- Platform Update Testing (Functionality Testing/Verification of Changes)
- Remote Gaming Server (RGS) Evaluation

Player facing history is not available in the environment provided to the test lab.



Verification Procedures

GLI generated the checksums of the files and/or directories using the methods stated below:

Verify+ by Kobetron™ - Verification Procedure

1. Open Verify+ by Kobetron™.
2. Select the 'File' or 'Directory' radio button.
3. Select the 'Browse' button and then choose the file or the top directory for which a signature is being requested.
4. Click the "Verify" button.
5. The current file/directory being checked will be displayed in the window.
6. The program will generate the aforementioned signatures and display the results.



Test Environment

The software was tested in an environment consisting of the following components:

Client Side Details	
Delivery Mechanism(s)	Desktop Web-based
Client Installer Package(s)	N/A
Delivery Mechanism Type(s)	HTML5
Testing Details	
Platform(s) and Version(s) Tested With	Caleta Remote Gaming Server (RGS) (1.16)
Browser(s) and Version(s) Tested With	Google Chrome Desktop (120.0.6099.217)
Operating Systems(s) With Version	Windows Enterprise Desktop (10)
Mobile Device(s)	N/A



Registration Number of Accreditation applicable to this report:

A2LA 2428.05

THIS REPORT IS ONLY INTENDED FOR RECIPIENTS AUTHORIZED BY GLI. PLEASE VISIT GAMINGLABS.COM TO VIEW THE APPLICABLE TERMS AND CONDITIONS AND GLI PRODUCT CERTIFICATION SCHEME. IF THE RECIPIENT DOES NOT AGREE TO ALL OF SUCH TERMS AND CONDITIONS, GLI WITHDRAWS THE CERTIFICATION OR ANALYSIS ESTABLISHED BY THIS REPORT AND THE RECIPIENT MUST IMMEDIATELY RETURN TO GLI ALL COPIES OF THIS REPORT AND MAKE NO REFERENCE TO THIS REPORT FOR ANY PURPOSE AT ANY TIME.

Subject to the limitations outlined in the Conditions of Evaluation, it is GLI's position that the evaluated elements contained within this report comply with the requirements of the applicable Technical Standard(s). Accordingly, GLI recommends the approval of the evaluated components for use within the aforementioned jurisdiction.

If you should have any questions regarding this information, please feel free to contact our office.

Sincerely,

Christine M. Gallo

Senior Vice President, Quality and Technical Compliance